

# iGEM 2014 Competition Handbook



## Project

iGEM projects are very diverse! Each team must strive to cooperate and collaborate with their local community and the global iGEM community.

- **Make a positive contribution**  
Regardless of the focus or background, all teams must strive to make a positive contribution to the world or the community around them.
- **Select a track**  
iGEM has 15 tracks from where to choose from. Choosing a track will help you focus your project towards one area. Some tracks have specific requirements, be sure to read the details for each one.  
*More information - <http://2014.igem.org/Tracks>*
- **Collaboration**  
Teams should communicate with one another, help each other and overall strive for a community environment among participants.
- **Attributions**  
Be clear about who did what in your project.  
If you received help or advice from someone outside the team, be sure to document it. If you are using another team's biobrick, be sure to mention it as well.  
*Example - [http://2011.igem.org/Team:Imperial\\_College\\_London/Team](http://2011.igem.org/Team:Imperial_College_London/Team)*

## Safety

Teams are responsible for their own safety, in and outside the lab. Filling the Safety Form and the About Our Lab form are two of the requirements each team must fill. Also, make sure you document your lab conditions and the overall safety considerations regarding your project and its impact.

*More information- <http://2014.igem.org/Safety>*

## Human Practice

Teams are encouraged to help advance the social acceptance of synthetic biology amongst their peers and community. Teams can work on global issues or on local problems they can help solve through synthetic biology. You can conduct surveys, hold open synbio workshops, talk to your local government to promote science, or create informational material in your language, there is no limit!

*Example - <http://2012.igem.org/Team:Colombia>*

## Parts

iGEM maintains and operates the Registry of Standard parts with over 20,000 genetic parts. Teams are strongly encouraged to submit the parts they have developed to the iGEM Registry, and will need to do so to be considered for certain special awards.

*Note: Some tracks, like Policy and Practices, are not required to submit parts.*

- **2014 DNA Distribution**  
DNA Distribution Kit contains over 1000 high-quality part samples as dried (miniprep) DNA. As well as Linearized plasmid backbones a Transformation Efficiency Kit and sticks and pins.  
*More information - [http://parts.igem.org/Help:2014\\_DNA\\_Distribution](http://parts.igem.org/Help:2014_DNA_Distribution)*
- **Submitting parts**  
All parts submitted to iGEM must be biobrick compatible and submitted in pSB1C3.  
*More information - <http://parts.igem.org/Help>*
- **Requesting parts**  
Teams registered can request parts at no additional cost! Browse the registry and see what you need.  
*More information - [http://parts.igem.org/Help:Requesting\\_Parts](http://parts.igem.org/Help:Requesting_Parts)*
- **Medals and awards**  
Part submission is required for medals and some special awards.  
*More information - <http://2014.igem.org/Judging/Awards>*

## Documentation and presentation

Document your project on your website and present your poster and work at the Giant Jamboree. Additional information will be provided as we get closer to the jamboree.

See what other teams have done - [http://igem.org/Team\\_Wikis?year=2013](http://igem.org/Team_Wikis?year=2013)

See previous posters, presentations and awards here - <http://igem.org/Results?year=2013&region=All&division=igem>

- **Poster**  
Teams need to create a scientific poster that is clear and is self-explanatory. Be sure to include the highlights of your project and your achievements.
- **Presentation**  
You will have 20 minutes to present your project in front of a live audience. You can use visual support to help explain your results.
- **Wiki**  
Your team wiki will present your project and team to the world. Make sure information is clear, easy to find and well documented.  
*More information - [http://2014.igem.org/Wiki\\_How-To](http://2014.igem.org/Wiki_How-To)*

## Project evaluation

- **Judging**  
The judging committee is a group of professors, PIs and experienced people from the scientific community. They work hard to make sure the judging is transparent and fair.  
*More information - <http://2014.igem.org/Judging>*
- **Medals**  
All teams can earn medals. Teams must nominate themselves using the Judging Form, which will be released soon.  
*More information - <http://2014.igem.org/Judging/Awards>*
- **Judging Handbook**  
To see how teams are evaluated, you can read the 2013 Judging Handbook  
[http://2013.igem.org/wiki/images/d/d9/IGEM\\_2013\\_Judging\\_Handbook.pdf](http://2013.igem.org/wiki/images/d/d9/IGEM_2013_Judging_Handbook.pdf)